

REPORT.

To the Acadia Freestone Quarrying and Manufacturing Company:

GENTLEMEN,—I beg to hand you a more full and general report on your quarries. As has already been said in the former Report, the length of the quarries is a quarter of a mile on the Company's lands; the height of the rock above the drainage level is thirty feet, and the top is overlaid with about three feet of rubbish, on an average. The dip of the stratification of the beds is about twenty-two and a half degrees, or six inches to a foot. At the upper part or crop of the quarries at the surface, the beds consist of flags of a very good description, which can be taken out of a large size and of various thickness, from two to eight inches, more or less, which can be used for pavements, cellar floors, platforms, &c., &c., and can always be disposed of at remunerating prices. As you go down in the quarries the beds thicken from eight to twelve inches, from that to eighteen inches and three feet, up to sixteen feet, out of which you can cut your large blocks of any sizes that may be wanted.

By following the dip you will have to quarry under the drainage level, towards the brook, twenty feet, more or less, where the beds are thick and the stone of a good quality. The Company then will require a steam engine of not less than twenty-five or thirty horsepower, which can be used for pumping and lifting, and other purposes; however, until the quarries are more extensively opened, the present engine will serve for pumping. Observe that in quarrying there will be a great variety of sizes of stone, yet all of good quality; although a very great proportion, if wanted, may consist of blocks of a large size, say from two to six tons or more. But, as has been mentioned in the former Report, for keeping the quarries clear, and also to save time and labor, by only giving the stone one handling, all the various sizes, as they are taken out of the quarries and prepared, must be indiscriminately shipped.

If so, I have no doubt they can be quarried and put aboard ship here at a less sum per ton than was named in a former Report, and I wish you to understand me not to mean either stone of such a small size as to be worthless, or of inferior quality, when I say they should be shipped indiscriminately, but good building stone that would be considered merchantable in any part of the world. I have